

A novel solid-state imaging device is provided which has a first color picture cell array containing picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, and a second color picture cell array containing picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, placed in juxtaposition, on a substrate. The solid-state imaging device is characterized in that a common well is provided to be common to the first color picture cell array and the second color picture cell array. A well-wiring and a well-contact may be provided as necessary between the first color picture cell array and the second color picture cell array.

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